



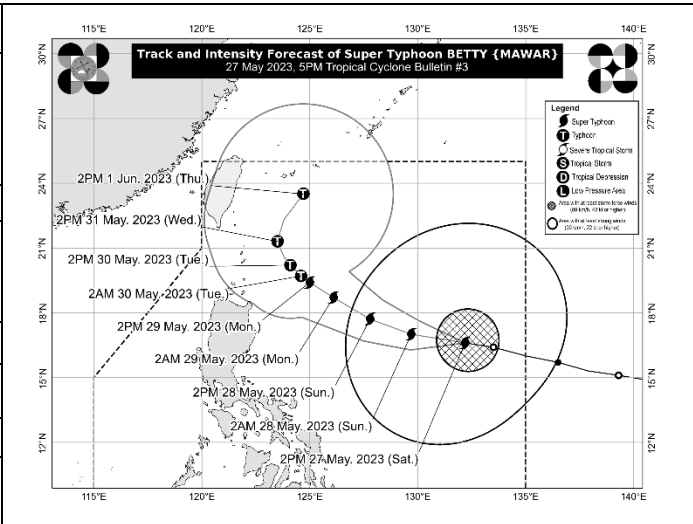
TROPICAL CYCLONE BULLETIN NO. 3
Super Typhoon BETTY (MAWAR)

Issued at 5:00 PM, 27 May 2023

Valid for broadcast until the next advisory at 11:00 PM today.

“BETTY” SLIGHTLY WEAKENS AND IS NOW MOVING WESTWARD”

Location of Center (4:00 PM)
The center of the eye of Super Typhoon BETTY was estimated based on all available data at 1,035 km East of Central Luzon (16.7°N, 131.8°E)
Intensity
Maximum sustained winds of 185 km/h near the center, gustiness of up to 230 km/h , and central pressure of 920 hPa
Present Movement
Westward at 25 km/h
Extent of Tropical Cyclone Winds
Strong to typhoon-force winds extend outwards up to 600 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 AM 28 May 2023	17.0	129.7	845 km East of Northern Luzon	185	STY	W 25
24-Hour Forecast 2:00 PM 28 May 2023	17.7	127.8	640 km East of Tuguegarao City, Cagayan	195	STY	WNW 20
36-Hour Forecast 2:00 AM 29 May 2023	18.7	126.1	475 km East of Aparri, Cagayan	195	STY	WNW 20
48-Hour Forecast 2:00 PM 29 May 2023	19.4	125.0	370 km East of Calayan, Cagayan	185	STY	NW 10
60-Hour Forecast 2:00 AM 30 May 2023	19.7	124.6	285 km East Southeast of Basco, Batanes	175	TY	NW Slowly
72-Hour Forecast 2:00 PM 30 May 2023	20.2	124.1	250 km East Northeast of Basco, Batanes	165	TY	NW Slowly
96-Hour Forecast 2:00 PM 31 May 2023	21.3	123.5	310 km East Northeast of Itbayat, Batanes	140	TY	NNW Slowly
120-Hour Forecast 2:00 PM 01 June 2023	23.5	124.7	420 km Northeast of Itbayat, Batanes	130	TY	NNE 10

Prepared by: **JEMB**

Checked by: **SFD**



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
1 Wind threat: Strong winds	Batanes, Cagayan including Babuyan Islands, Isabela, Apayao, Ilocos Norte, the northern and central portions of Abra (Tineg, Lacub, Lagayan, San Juan, Lagangilang, Licuan-Baay, Malibcong, Danglas, La Paz, Dolores, Tayum, Bucay, Sallapadan, Daguoman, Bucloc, Boliney), Kalinga, the eastern and central portions of Mountain Province (Sadanga, Barlig, Natonin, Paracelis, Bontoc), the eastern and central portions of Ifugao (Mayoyao, Aguinaldo, Alfonso Lista, Banaue, Hingyon, Lagawe, Lamut, Kiangnan, Asipulo), the northern and central portions of Aurora (Dilasag, Casiguran, Dinalungan, Dipaculao), Quirino and the northeastern portion of Nueva Vizcaya (Kasibu, Quezon, Solano, Bagabag, Diadi, Villaverde, Bayombong, Ambaguio)	-	-
	Warning lead time: 36 hours Potential impacts of winds: Minimal to minor threat to life and property		

HAZARDS AFFECTING LAND AREAS
<p>Heavy Rainfall Outlook</p> <p>Forecast accumulated rainfall from Monday afternoon to Tuesday afternoon</p> <ul style="list-style-type: none"> 100-200mm: Batanes, Babuyan Islands, and the northern portions of mainland Cagayan, Apayao, Ilocos Norte, and Ilocos Sur. 50-100 mm: La Union and the rest of Cordillera Administrative Region <p>Forecast accumulated rainfall from Tuesday afternoon to Wednesday afternoon</p> <ul style="list-style-type: none"> Greater than 200 mm: Batanes 100-200 mm: Babuyan Islands, Ilocos Norte, Ilocos Sur, and La Union 50-100 mm: Cordillera Administrative Region and the northern portion of mainland Cagayan. <p>Forecast rainfall are generally higher in elevated or mountainous areas.</p> <p>In areas that will not be directly affected by the super typhoon, monsoon rains from the enhanced Southwest Monsoon are possible over the western sections of MIMAROPA, Visayas, and Mindanao tomorrow. On Monday and Tuesday, monsoon rains are likely over the western sections of MIMAROPA and Western Visayas, and possible over the rest of MIMAROPA and Western Visayas.</p> <p>Under these conditions, flooding and rain-induced landslides are likely, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.</p> <p>Severe Winds</p> <ul style="list-style-type: none"> Strong winds (strong breeze to near gale strength) will be experienced within the areas where Tropical Cyclone Wind Signal No.1 is currently in effect. The enhanced Southwest Monsoon may bring strong breeze to near gale conditions with intermittent gusts beginning on tomorrow evening or early Monday over Visayas, the western portions of Central and Southern Luzon, and the northern and western portions of Mindanao.

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HAZARDS AFFECTING COASTAL WATERS

- Under the influence of BETTY, a **Marine Gale Warning is in effect** over the northern and eastern seaboard of Northern Luzon, eastern seaboard of Central and Southern Luzon, and the eastern seaboard of Visayas and Mindanao. For more information, refer to **Gale Warning #1** issued at 5:00 PM today.
- These conditions may be risky for those using small seacrafts. Mariners of small seacrafts are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK


- Super Typhoon BETTY is forecast to track westward in the next 12 hours before turning west northwestward. On Monday, the tropical cyclone will turn northwestward and decelerate as it moves over the waters east of Extreme Northern Luzon. BETTY may eventually become almost stationary between late Tuesday and early Wednesday when it will be closest to Batanes (i.e., within 250-300 km).
- BETTY is forecast to remain as a super typhoon over the weekend. Although it will likely maintain its strength for the next 36-48 hours, short-term intensification is not ruled out especially in the next 12 to 24 hours. However, this tropical cyclone may begin weakening considerably on Monday or Tuesday during its slowdown period over the waters east of Batanes due to potential unfavorable conditions (e.g., effect of upwelling of cooler ocean water and dry air intrusion).

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 PM today.

DOST-PAGASA

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